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REMARKS/ARGUMENTS

The Applicants have carefully considered this application in connection with the Examiner's Action and respectfully request reconsideration of this application in view of the following remarks.

The Applicants originally submitted Claims 1-20 in the application. Pursuant to a restriction requirement, the Applicants subsequently canceled Claims 8-20 without prejudice or disclaimer. The Applicants also previously added Claims 21-28. Presently, the Applicants neither amend, cancel nor add any claims. Accordingly, Claims 1-7 and 21-28 are currently pending in the application.

I. Rejection of Claims 1, 3, 5, 7, 21, 23-25, 27 and 28 under 35 U.S.C. §102

The Examiner has rejected Claims 1, 3, 5, 7, 21, 23-25, 27 and 28 under 35 U.S.C. §102(b) as being anticipated by U.S. Patent No. 5,012,386 to McShane, *et al.* ("McShane"). However, McShane fails to disclose inner and outer wells extending along a length of a periphery of a base, as recited in Claims 1 and 25 of the present application. In contrast, McShane merely discloses a plurality of through-holes 28 located within a periphery of a multilayer substrate 12. (Column 3, lines 20-22; Figures 1 and 2). One having ordinary skill in the pertinent art understands that a plurality of through-holes located within a periphery of a substrate is different from a well extending along a length of a periphery of a base.

Moreover, the Applicants claim that "an" inner well extends along a length of the periphery of the base. As claimed, this requires that a single inner well extends along the periphery of the base. Therefore, the Examiner must choose a single structure, such as a single one of the plurality of through-holes 28, and draw a correlation between it and the claimed single well. Nevertheless, no single through-hole 28 extends along a length of the periphery of the base, as currently claimed. The

Examiner is not at liberty to take the collection of the through-holes 28 and refer to them a single well, as presently recited in the independent Claims of the present invention. Any skilled person that would draw such a correlation between the two structures would be using the present invention as a blueprint to find the claimed subject matter anticipated or obvious. As the Examiner is well aware, she does not have this liberty.

Therefore, McShane fails to disclose each and every element of Claims 1 and 25 and, as such, is not an anticipating reference thereof. Because Claims 3, 5, 7, 21, 23, 24, 27 and 28 are dependent upon Claims 1 and 25, McShane is also not an anticipating reference for these Claims. Accordingly, the Applicants respectfully request the Examiner to withdraw the §102 rejection with respect to Claims 1, 3, 5, 7, 21, 23-25, 27 and 28.

II. Rejection of Claim 2 under 35 U.S.C. §103

The Examiner has rejected Claim 2 under 35 U.S.C. §103(a) as being unpatentable over McShane. To that end, the Examiner has asserted that the use of flexible materials is obvious over McShane. (Examiner's Action, page 3). However, withholding comment on the accuracy of the Examiner's assertion, such an assertion fails to cure the above-described shortcomings of McShane. Specifically, even if using flexible materials may be obvious in view of McShane, as the Examiner has asserted, McShane still fails to teach or suggest inner and outer wells extending along a length of a periphery of a base, as recited in Claim 1 of the present application. In contrast, McShane merely teaches a plurality of through-holes 28 located within a periphery of a multilayer substrate 12. (Column 3, lines 20-22; Figures 1 and 2), and provides no suggestion for any single feature extending along a length of the periphery of the substrate 12. Accordingly, McShane fails to teach

or suggest inner and outer wells extending along a length of a periphery of a base, as recited in Claim 1 of the present application. Therefore, the Examiner has failed to make a *prima facie* case of obviousness with respect to Claim 1 and its dependent Claims. Claim 2 is therefore not obvious in view of McShane.

In view of the foregoing remarks, McShane does not support the Examiner's rejection of Claim 2 under 35 U.S.C. §103(a). The Applicants therefore respectfully request the Examiner withdraw the rejection.

III. Rejection of Claims 1, 3 and 5-7 under 35 U.S.C. §102

The Examiner has rejected Claims 1, 3 and 5-7 under 35 U.S.C. §102(b) as being anticipated by U.S. Patent No. 3,825,803 to Budde. However, Budde fails to disclose inner and outer wells extending along a length of a periphery of a base, as recited in Claim 1 of the present application. In contrast, Budde merely discloses a cooling member 5 having two conical bosses 6 extending from within a periphery of the cooling member. (Column 2, lines 64-66; Figures 1-5). Therefore, the cooling member 5 does not have any wells extending along a length of its periphery.

Budde also discloses that the cooling member 5 is positioned in an aperture 11 in a mounting panel 9. The only disclosed features of the mounting panel 9 are the aperture 11, the printed wiring 10 and the flexible foil 1, which are all located within a periphery of the mounting panel 9. (Column 2, lines 64-66; Figures 1-5). Therefore, the mounting panel 9 also does not have any wells (or other elements) extending along a length of its periphery.

Moreover, the Applicants claim that "an" inner well extends along a length of the periphery of the base and "an" outer well extends along a periphery of the inner well. As claimed, this requires

that a single inner well extend along the periphery of the base and that another single well extend along the periphery of the inner well. Therefore, the Examiner must find two wells as claimed.

The Examiner, however, recites that feature 11, which is not even a well at all, is both the inner well and the outer well. (Page 3 of Examiner's Action dated November 11, 2003) Again, the Examiner does not have this liberty. Either the aperture 11 is the inner well or the outer well, but it cannot be both. Thus, regardless of whether the Examiner labels the aperture 11 the inner well or outer well, and again it must be noted that the Applicants strongly disagree that the aperture 11 could be considered a well, the Budde reference fails to teach or suggest the other claimed element.

Accordingly, Budde fails to disclose each and every element of Claim 1 and, as such, is not an anticipating reference thereof. Because Claims 3 and 5-7 are dependent upon Claim 1, Budde is also not an anticipating reference for these Claims. Therefore, the Applicants respectfully request the Examiner to withdraw the §102 rejection with respect to Claims 1, 3 and 5-7.

IV. Rejection of Claim 2 under 35 U.S.C. §103

The Examiner has rejected Claim 2 under 35 U.S.C. §103(a) as being unpatentable over Budde. To that end, the Examiner has asserted that the use of flexible materials is obvious over Budde. (Examiner's Action, page 4). However, withholding comment on the accuracy of the Examiner's assertion, such an assertion fails to cure the above-described shortcomings of Budde. Specifically, even if the use of flexible materials may be obvious over Budde, as the Examiner has asserted, Budde still fails to teach or suggest inner and outer wells extending along a length of a periphery of a base. In contrast, Budde merely teaches a cooling member 5 having two conical bosses 6 extending from within a periphery of the cooling member (column 2, lines 64-66; Figures

1-5), and a mounting panel 9 having an aperture 11, a printed wiring 10 and a flexible foil 1 located within a periphery of the mounting panel 9 (column 2, lines 64-66; Figures 1-5). In addition, Budde provides no suggestion for any features extending along a length of the periphery of the substrate 12. Accordingly, Budde fails to teach or suggest inner and outer wells extending along a length of a periphery of a base and inner well, respectively, as recited in Claim 1 of the present application. Therefore, the Examiner has failed to make a *prima facie* case of obviousness with respect to Claim 1 and its dependent Claims. Claim 2 is therefore not obvious in view of Budde.

In view of the foregoing remarks, Budde does not support the Examiner's rejection of Claim 2 under 35 U.S.C. §103(a). The Applicants therefore respectfully request the Examiner withdraw the rejection.

V. Rejection of Claims 22 and 26 under 35 U.S.C. §103

The Examiner has rejected Claims 22 and 26 under 35 U.S.C. §103(a) as being unpatentable over McShane. To that end, the Examiner has asserted that it would have been obvious to one having ordinary skill in the art to use a plurality of integrated circuit carriers, and that the ordinary artisan would have been motivated to modify McShane therefor. (Examiner's Action, page 4). However, withholding comment on the accuracy of the Examiner's assertion, such an assertion fails to cure the above-described shortcomings of McShane. Specifically, McShane fails to teach or suggest inner and outer wells extending along a length a periphery of a base as established above. Claims 22 and 26 are therefore not obvious in view of McShane.

In view of the foregoing remarks, McShane does not support the Examiner's rejection of Claims 22 and 26 under 35 U.S.C. §103(a). The Applicants therefore respectfully request the

Examiner withdraw the rejection.

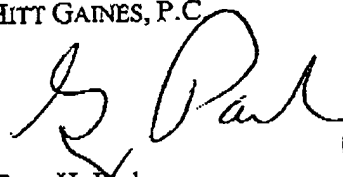
VI. Conclusion

In view of the foregoing amendment and remarks, the Applicants now see all of the Claims currently pending in this application to be in condition for allowance and therefore earnestly solicit a Notice of Allowance for Claims 1-7 and 21-28.

The Applicants request the Examiner to telephone the undersigned attorney of record at (972) 480-8800 if such would further or expedite the prosecution of the present application.

Respectfully submitted,

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